PDR RID Report

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Document	FOS Software Architecture		

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Review FOS
Originator Ref IVV-GSS-03
Priority 2

Section Command Architecture **Page** JSC-30 **Figure Table** NA

Category Name Design **Actionee** HAIS

Sub Category

Subject Commanding in the Blind

Description of Problem or Suggestion:

The presentation and the documentation did not state how commanding in the blind would be accommodated by the system during contingency operations. The presentation stated that commands issued during real time contact are always verified, but during an loss of attitude control the operators might experience loss of telemetry but will most likely be sending commands in the blind to recover the spacecraft. Will the system await/pause for verification or what capability will be provided to address these situations?

Originator's Recommendation

Indicate how commanding in the blind will be performed by the operators.

GSFC Response by: **GSFC Response Date**

HAIS Response by: D. Herring **HAIS Schedule** 1/13/95

HAIS R. E. D. Dunn **HAIS Response Date** 1/18/95

Commanding in the blind will be supported for AM-1. In as much as the AM-1 spacecraft does not support commands in bypass data ("BD") mode, the operator will need to alternate between issuing the appropriate bypass control ("BC") commands to manipulate counters, and the acceptance check mode data ("AD") commands, to implement spacecraft control. The operator will also need to turn off verifications to avoid system wait for command confirmations.

Status **Closed** **Date Closed** **2/1/95** **Sponsor** **Johns**

****** **Attachment if any** ******